

INFORMATION DISCLOSURE
CITATION IN AN
APPLICATION

(PTO-1449)

ATTY. DOCKET NO.
103864.139 US1SERIAL NO.
10/634,992APPLICANT
James G. MCERLEAN et al.FILING DATE
August 6, 2003GROUP
3721

U.S. PATENT DOCUMENTS

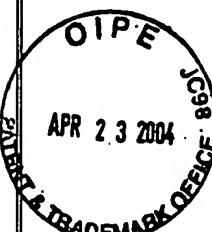
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
hmd	6,688,346	02/10/04	Brahier et al.			11/07/01
	6,543,201	04/08/03	Cronauer et al.			03/18/02
	6,470,648	10/29/02	Baker			06/22/00
	6,451,149	09/17/02	McKenney et al.			02/08/01
	6,179,030	01/30/01	Riethheimer			07/28/98
	5,865,918	02/02/99	Franklin et al.			07/30/96
	5,761,877	06/09/98	Quandt			02/20/97
	5,570,568	11/05/96	Kramer			05/12/94
	5,468,110	11/21/95	McDonald et al.			08/25/94
	5,425,823	06/20/95	Woodside, III			08/30/90
	5,370,754	12/06/94	Soloman			06/03/93
↓	4,705,588	11/10/87	Treiber			07/21/86
hmd	4,615,757	10/07/86	Treiber			07/03/85
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OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

hmd	May 20, 2004. Written Opinion from PCT/US03/24685.
hmd	April 30, 2004. International Preliminary Examination Report from PCT/US03/24688.
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EXAMINER	DATE CONSIDERED
Henant M. Desai	5/12/06

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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		U.S. PATENT DOCUMENTS				
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
<i>tmj</i>	6,511,569 B1	01/28/03	Nixon et al.			12/20/01
	RE37,829 E	09/03/02	Charhut et al.			01/15/99
	6,413,345 B1	07/02/02	Treleaven			09/21/99
	2001/0017817 A1	08/30/01	De La Huerga			04/12/01
	5,298,104	03/29/94	Absher			09/30/91
<i>tmj</i>	4,595,447	06/17/86	Lindstrom			12/10/84
<i>tmj</i>	3,933,564	01/20/76	Jensen			04/10/73
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FOREIGN PATENT DOCUMENTS						
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation Yes <input type="checkbox"/> No <input type="checkbox"/>
<i>tmj</i>	WO 00/34925	06/15/00	WO			X
	WO 99/17218	04/08/99	WO			X
	08052198	02/27/96	Japan			X
	06315519	11/15/94	Japan			X
<i>tmj</i>	0 328 003 A1	08/16/89	Europe			X
<i>tmj</i>	990,140	04/28/65	United Kingdom			X
	—	—	—			—
	—	—	—			—
	—	—	—			—
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)						
<i>tmj</i>	January 29, 2004. International Search Report from PCT/US03/24686.					
<i>tmj</i>	January 28, 2004. International Search Report from PCT/US03/24687.					
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EXAMINER <i>Hannant M. Jensen</i>	DATE CONSIDERED					

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EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS		
<i>Jm</i>	3,703,834	11/28/72	Beezer		1/25/71		
	4,835,730	5/30/89	Shimano et al.		2/27/87		
	5,208,762	5/4/93	Charhut et al.		12/6/90		
	6,230,927	5/15/01	Schoonen et al.		3/9/99		
<i>Jm</i>	6,471,089	10/29/02	Liff et al.		3/7/02		
<i>Jm</i>	6,580,968	6/17/03	Yuyama et al.		11/21/00		
FOREIGN PATENT DOCUMENTS							
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No
<i>Jm</i>	2,226,379	1/30/97	Canada			<input checked="" type="checkbox"/>	
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
EXAMINER	<i>Herman M. Deser</i>			DATE CONSIDERED			<i>5/12/06</i>

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EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	
<i>trnd</i>	5,713,485	2/3/98	Liff et al.	—	—	
<i>trnd</i>	5,771,657	6/30/98	Lasher et al.	—	—	
<i>trnd</i>	6,370,841	4/16/02	Chudy et al.	—	—	
FOREIGN PATENT DOCUMENTS						
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation
<i>trnd</i>	00349925	6/15/00	WO	—	—	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
<i>trnd</i>	1186285	3/13/02	EP	—	—	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)						
<i>trnd</i>	European Search Report for 03005846 mailed November 25, 2003.					
EXAMINER	<i>Stewart M. Densky</i>			DATE CONSIDERED		
<i>5/12/06</i>						

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		U.S. PATENT DOCUMENTS				
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
<i>trnd</i>	3,653,176	4/4/72	Gess			4/6/70
	3,939,998	2/24/76	Solterman			12/3/74
	4,351,679	9/28/82	Dreher			8/8/80
	4,363,685	12/14/82	White			11/3/78
	4,573,852	3/4/86	Rinfret et al.			1/23/85
	4,647,333	3/3/87	Voltmer et al.			1/15/86
	4,668,327	5/26/87	Mazur et al.			1/22/86
<i>trnd</i>	4,944,647	7/31/90	Oleson et al.			4/29/88
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FOREIGN PATENT DOCUMENTS						
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation
						Yes
<i>trnd</i>	0292018	11/23/88	EP	—	—	X
	89/05727	6/29/89	WO	—	—	X
	0684130	11/29/95	EP	—	—	X
<i>trnd</i>	0974524	1/26/00	EP	—	—	X
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)						
<i>trnd</i>	International Search Report for PCT/US03/24688 mailed November 26, 2003.					
<i>trnd</i>	International Search Report for PCT/US03/24685 mailed December 2, 2003.					
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—	—					
EXAMINER	DATE CONSIDERED					
<i>Hermann M. Deshr</i>				5/12/06		

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EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	
<i>TMS</i>	5,660,305	8/26/97	Lasher et al.	—	—	
FOREIGN PATENT DOCUMENTS						
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation
						Yes <input type="checkbox"/> No <input type="checkbox"/>
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EXAMINER				DATE CONSIDERED		
<i>Leanne M. Desai</i>				<i>5/12/06</i>		

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